

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS WELL LOG ELECTRIC LOGS FILE **X** WATER SANDS LOCATION INSPECTED SUB REPORT abd

*Application resubmited 1.30.84*

DATE FILED 12-4-84

LAND: FEE & PATENTED STATE LEASE NO. PUBLIC LEASE NO **U-017502** INDIAN

DRILLING APPROVED 12-13-84 - OIL (Cause No. 129-3)

SPUDDED IN

COMPLETED: PUT TO PRODUCING:

INITIAL PRODUCTION

GRAVITY API

GOR

PRODUCING ZONES:

TOTAL DEPTH

WELL ELEVATION

DATE ABANDONED: ~~6A/30-84~~ 3-3-86 *Prod*

FIELD: COYOTE BASIN *3/86*

UNIT

COUNTY: UINTAH

WELL NO. COYOTE BASIN #3-12 API #43-047-31590

LOCATION 1950' FNL FT. FROM (N) (S) LINE. 1713' FWL FT FROM (E) (W) LINE SE NW 1 4 - 1 4 SEC. 12

TWP	RGE	SEC	OPERATOR	TWP	RGE	SEC	OPERATOR
				8S	24E	12	AMBRA OIL & GAS CO.

M-046557

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK  
 DRILL  DEEPEN  PLUG BACK

b. TYPE OF WELL  
 OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
 AMBRA OIL AND GAS COMPANY

3. ADDRESS OF OPERATOR  
 47 West 200 South, STE. 510, Salt Lake City, Utah 84101

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*)  
 At surface: 1950' FNL, 1713' FWL, SE 1/4 NW 1/4  
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 8 miles north northeast of Bonanza, Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. 1713'  
 (Also to nearest drlg. unit line, if any)

16. NO. OF ACRES IN LEASE  
 600

17. NO. OF ACRES ASSIGNED TO THIS WELL  
 80

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1750'

19. PROPOSED DEPTH  
 4,600

20. ROTARY OR CABLE TOOLS  
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 5445' GR

22. APPROX. DATE WORK WILL START\*  
 December 30, 1984

RECEIVED  
 DEC 04 1984  
 DIVISION OF OIL, GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.  
 U-017502

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
 N/A

7. UNIT AGREEMENT NAME  
 N/A

8. FARM OR LEASE NAME  
 Coyote Basin

9. WELL NO.  
 Coyote Basin 3-12

10. FIELD AND POOL, OR WILDCAT  
 Coyote Basin

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 Sec. 12, T8S, R24E

12. COUNTY OR PARISH  
 Uintah

13. STATE  
 Utah

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
10 3/4"	8-5/8"	24.5#	200'	75 sx (cement to surface)
7-7/8"	5-1/2"	11.6#	4,600'	500 sx

This well will be drilled to test the <sup>GREEN RIVER</sup> ~~Wasatch~~ Formation. All shows encountered will be tested.

Blow out preventor will be used: 8" 900 series double gate schaffer hydraulic type LWS.

Designation of Operator from BelNorth is enclosed.

APPROVED BY THE STATE  
 OF UTAH DIVISION OF  
 OIL, GAS, AND MINING

DATE 12/13/84  
 BY: [Signature]

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present production zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNATURE: [Signature] TITLE: PRODUCTION MANAGER DATE: 11/29/84

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

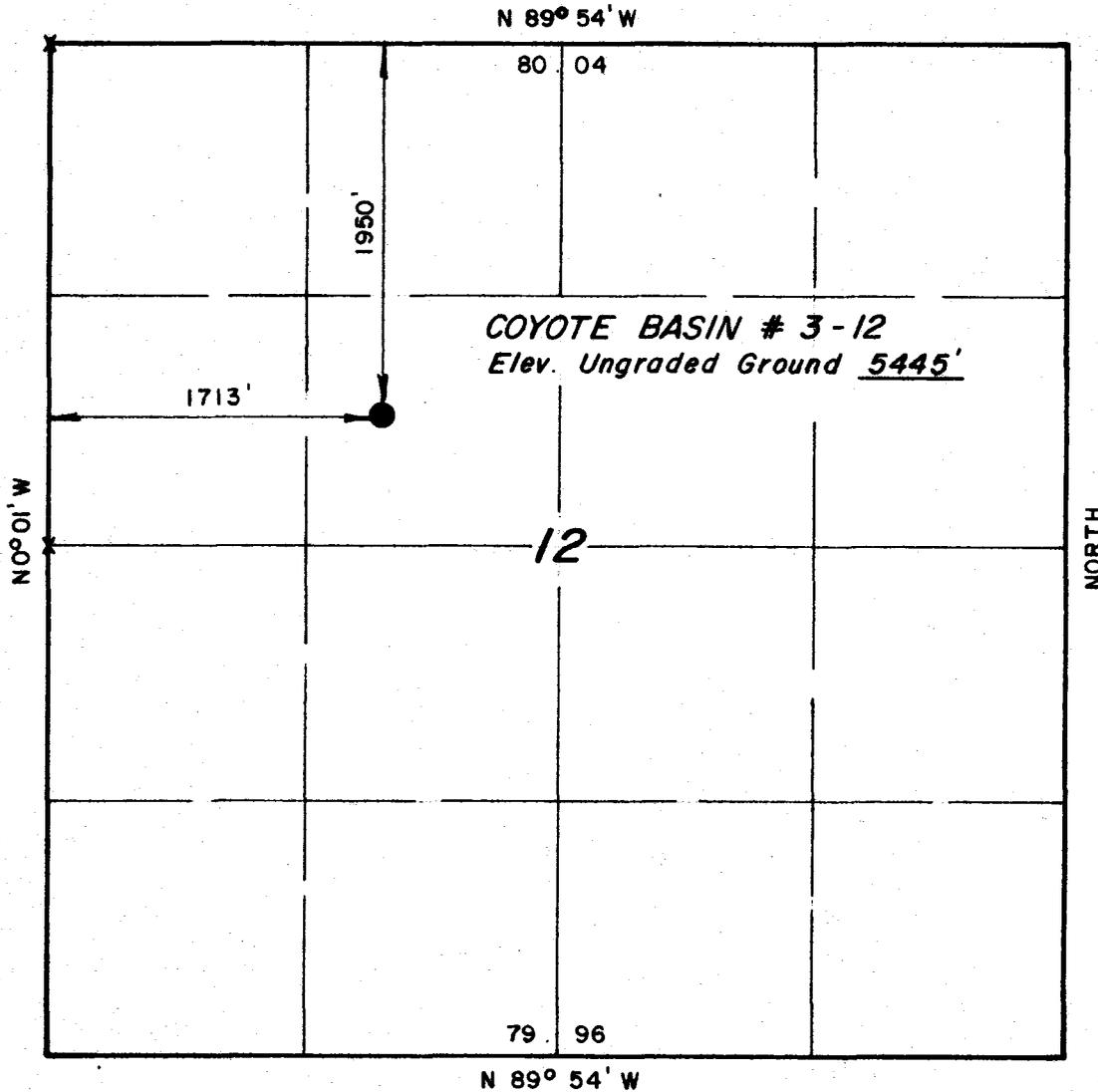
APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
 CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

T 8 S, R 24 E, S.L.B. & M.

PROJECT  
AMBRA OIL & GAS CO.

Well location, *COYOTE BASIN*  
# 3-12, located as shown in the  
SE 1/4 NW 1/4 Section 12, T8S, R24E,  
S.L.B. & M. Uintah County, Utah.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM  
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY  
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE  
BEST OF MY KNOWLEDGE AND BELIEF.

*Nelson A. [Signature]*  
REGISTERED LAND SURVEYOR  
REGISTRATION NO 2454  
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING  
P. O. BOX Q - 85 SOUTH - 200 EAST  
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 10 / 2 / 84
PARTY B.F.W. M.W.W.	REFERENCES GLO Plat
WEATHER Fair	FILE AMBRA

X = Section Corners Located

## DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of lease

DISTRICT LAND OFFICE: Salt Lake City  
SERIAL No.: UT-017502

and hereby designates

NAME: Ambra Oil & Gas Company  
ADDRESS: 47 West 200 South, Ste. 510 (American Plaza Two)  
Salt Lake City, Utah 84101

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Operating Regulations with respect to (describe acreage to which this designation is applicable):

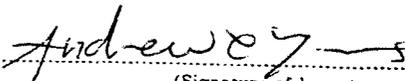
Township 8 South, Range 24 East  
Section 12: NW $\frac{1}{4}$   
Uintah County, Utah

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the supervisor of any change in the designated operator.

BELCO DEVELOPMENT CORPORATION



(Signature of lessee)

Andrew C. Morris, Attorney-in-Fact  
7600 E. Orchard Rd., Ste. 300  
Englewood, Colorado 80111

(Address)

September 7, 1984

(Date)

BUREAU OF LAND MANAGEMENT  
Vernal District Office  
170 South 500 East  
Vernal, Utah 84078

RE: COYOTE BASIN 3-12  
NTL-6 Supplementary  
Information for APD 3160-3

Application for Ambra Oil & Gas Company, a Utah corporation, to drill in the SE $\frac{1}{4}$ NW $\frac{1}{4}$  of Section 12, T8S, R24E, Uintah County, Utah is set forth on Form 3160-3. The purpose of this letter is to present the additional information as required by the NTL-6 regulation.

1. Geologic Name of Surface Formation: Uintah

2. & 3. Geological Formation Tops:

Uintah	Surface	
Green River	1435'	<del>water</del> oil
Wasatch Douglas Creek Member	3940'	water/oil
"P" Zone	4410'	oil
Wasatch	4500'	oil
TD	4650'	oil

4. Casing Program: See Form 3160-3

5. Pressure Control Equipment: BOP and manifold will be tested to 2000 psi prior to drilling out shoe joint. Pipe rams will be operational and tested daily. Blind rams will be operational and tested on trips. BOP and manifold will be visually inspected daily. All tests will be recorded on daily tour sheets. See BOP schematic.

6. Drilling and Circulation Medium: Operator plans to drill with mud. A fresh water gel with a viscosity from 35-60 as needed to clean hole. Water loss from 0'-4000' uncontrollable. Water loss from 4000' - TD, 8-10 cc's.

7. Auxiliary Equipment: (1) Kelly Cock Demco; (2) Floats at the bit sub and string; (3) Mud logger/sniffer on mud system; and (4) Sub on floor with a full-opening valve. The fill, kill, and choke lines will be attached to the wellhead below the BOP. The following equipment will also be used:

- a. 6000# shut-off valve on stand pipe.
- b. One float at bit and two string floats.
- c. Sub 3-1/2 IF to 2" valve for controlling blowouts when making round trips.

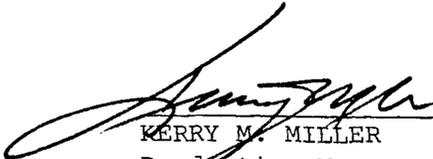
8. Testing. Logging and Coring: Schlumberger or Gearhart. No DST's programmed. Electric logs will consist of dual induction laterlog (DIL), compensated neutron-formation density (CNFD), caliper log (CL), and sonic BHC. If casing is set, a cement bond log (CBL) and gamma ray log (GR) will be run. Drilling samples will be taken every 10 feet starting 100 feet above the Green River Formation. Microscope analysis will be done by a geologist.

9. The maximum bottom hole pressure expected is 3000 psi. Flexibility provisions are the BOP and high-pressure fittings and couplings. No hydrogen sulfide problems are expected.

10. The approximate starting date is December 26, 1984 and drilling should take from 10 to 20 days.

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein, will be performed by Ambra Oil and Gas Company and it's contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

11/27/84  
DATE

  
KERRY M. MILLER  
Production Manager

BUREAU OF LAND MANAGEMENT  
Vernal District Office  
170 South 500 East  
Vernal, Utah 84078

RE: COYOTE BASIN 3-12  
Multipoint Requirements

1. Existing Roads

- a. Proposed well site is staked.
- b. Route and distance from nearest town. Well site is located 8 miles north, northeast of the town of Bonanza. Follow the U.S. 40 from Vernal, pass Red Wash, turn off to the Bonanza-Route 45, (right). Head southeast to Highway 45, 13 miles to the Belco 1-12 access road on the right (east). Follow this road back .7 of a mile to the new proposed access road. The new access road will be constructed over Coyote Wash's east side, 2400' in length. This new access road will be constructed according to Class III standards, crowned and ditched.
- c. Access road is dotted in red. The existing roads are solid in blue.
- c. Does not apply.
- e. If a development well, list all the existing roads within a one mile radius of well site. This radius includes Highway 45 from U.S. 40 to Bonanza as well as various well access roads.
- f. Plans for improvement and/or maintenance of existing roads. The operator will maintain existing roads according to Class III standards. No improvements to existing roads are required.

2. Planned Access Road

1. Width: 18' travel surface, 24' disturbed width.
2. Maximum grades: 2 to 4 degrees. Waterbars are needed.
3. Turn-out: No turn-outs are needed.
4. Drainage design: Small borrow pit on one side for drainage. The road will be ditched and crowned.
5. No culverts are needed in this area. Some 15' deep dry wash(s), cuts or fills are required.
6. Surfacing material: None needed. The road will be lightly scraped on the surface. All travel will be confined to existing access road rights-of-way.

7. Necessary gates, cattleguards, or fence cuts: None needed.

8. New or constructed roads. Operator will make use of existing roads in the area whenever possible. The new access road will be constructed approximately 2400' in length from an existing road at the Diamond Shamrock CB 43-12 well and to the northeast side of the well pad and according to Class III standards. The width will be 18' travel surface, 24' disturbed width, scraped only on the surface, ditched and crowned. The top 4 inches of topsoil will be windrowed on the uphill side of the access road. Surface disturbance will be kept to a minimum. The access road will require 3 major cuts and fills. None of these are deeper than 15' or are across dry washes more than 35' across. These washes should stay dry during this time of year. Culverts will be added if production is established.

9. Area has a BLM surface ownership so a right-of-way is being processed through the BLM for 700' of road in the SW $\frac{1}{4}$ NE $\frac{1}{4}$  of Section 12 which is off lease. No construction will start until an approved right-of-way is granted from the BLM.

3. Location of Existing Wells

- a. See USGS topographic map.
- b. See attached topographic map. Includes Belco 1-12, Diamond Shamrock CB 43-12 and Diamond Shamrock 1-2.
- c. See attached topographic map.
- d. No water, disposal, or injection wells are in a one-mile radius.

4. Location of Existing and/or Proposed Facilities

a. 1. Tank batteries. If oil production is established, new tank batteries will be installed in the northeast corner of the proposed location and will be 125 feet from the wellhead. Load lines will be placed inside the berm.

2. Production facilities. If gas production is established, new production facilities will be installed in the southeast corner of the proposed location. All the above-ground production equipment will be painted within 6 months using one of the approved colors provided by the BLM personnel in their stipulation letter. Metering is one lease within 500 feet of wellhead. The flow line will be buried from the wellhead to the meter.

3. Oil gathering lines. None - only to tank at location if oil production is established.

4. Gas gathering lines. If the well qualifies for hook-up, we will sell the gas to Mountain Fuel Supply.

5. Injection lines. None.

6. Disposal lines. None.

b. Any new facilities required in the event of production will be located in the southeast corner of the proposed location. See the enclosed sketch of the area showing planned production facilities. All open and exposed pits will be fenced to protect livestock and wildlife, and an earthen fire bunker will be built around any tanks to hold 150% of the tank volume. Gas lines will be surface laid to the delivery point designated by Mountain Fuel Supply. Facilities should be constructed within a 60 day period upon completion of the well.

c. The reserve pit and any portion of the location and access road not needed for production or production facilities will be reclaimed as described in the rehabilitation section. All stockpiled/windrowed topsoil will be used in reclaiming unused areas.

5. Location and Type of Water Supply

a. Water will be purchased from Chevron U.S.A., Red Wash Field.

b. Method of transporting water. Water tank truck.

c. No water well is planned or needed.

6. Source of Construction Materials

It is anticipated that no construction materials will be required to construct the well pad. If construction materials, (rock, gravel, sand, etc.), are necessary, they will be purchased through the dirt contractor. Until production is established, the road will be a surface-scraped dirt road from the existing road to the proposed well location. This is semi-flat desert land on a Uintah Shale formation. Bladed roads that are watered and packed down, are the best roads for this area.

7. Method for Handling Waste Disposal

Cutting and drilling fluids will be discharged into the reserve pit. A portable chemical toilet will be on location for sewage. Garbage and waste materials will be placed in a trash cage and hauled out when work is completed. Produced fluids, (oil and water), will go into tanks and pits, respectively. The anchored blouey line will be 125 feet long, centered, and angled down into the reserve pit. The blouey line will be misted while drilling with air. The area will be free of trash and debris when the rig is moved out. If any waste material is to be burned, a burning permit will be obtained from the appropriate authorities.

8. Auxiliary Facilities

None other than a trailer and dog house. No camp or air strip is required.

9. Well Site Layout

1. See attached cut and fill diagram and schematic of 300' x 300' drilling pad. The top 4 inches of soil material will be stockpiled on the west side of the location.

2. Mud tank, reserve pit, and trash cage. See well pad schematic. The reserve/blouey pit will be located in the northeast corner of the location. The pit will be fenced when drilling is completed. The fence will be 4 strands of barbed wire, or 48" woven wire with one strand of barbed wire for support.

3. See drawing.

4. Pits are to be unlined.

10. Restoration Plans

1. Immediately upon completion of drilling, the location and surrounding area will be cleared of all debris resulting from the operation. All trash will be disposed of in the portable trash cage and will be hauled to a local town dumpsite. No trash will be left in the pits.

2. The operator or his contractor will notify the Vernal Resource Area BLM Office in Vernal, Utah 48 hours prior to starting rehabilitation work that involves earthmoving equipment. The same offices will again be notified upon completion of restoration.

3. Prior to any dirtwork restoration of disturbed areas, the reserve/blouey pit will be dry and completely free of any trash or debris. Any such trash or debris will be removed from the pit and public lands.

4. All disturbed areas to be restored, will be recontoured to blend with the surrounding area. The stockpiled topsoil will be evenly distributed over the rehabilitated area. All rehabilitated areas will be scarified on the contour to a depth of 6 inches.

5. The rehabilitated area will be seeded from September 1st to October 15th, or any other time that the Vernal Resource Area Office approves. BLM personnel will supply the appropriate seed mixture in their concurrence letter. The seed mixture will be broadcast or drilled. If the area is broadcast seeded, it will be harrowed or dragged to assure seed cover. Any stock piled vegetation will then be scattered evenly over the reclaimed area and walked down with a dozer. The reclaimed access road will be blocked to prevent use.

6. If the proposed well is completed as a producer, unused areas of the well pad outside the deadmen will be reclaimed as previously described.

7. After the rig is moved.

8. If there is oil in the pit, we will either remove it or install overhead flagging.

9. Rehabilitation of the well site area will be completed within 60 days after abandonment with the exception of reseeded following BLM instructions, (September 1 to October 15). In the event the well is completed as a dry hole, rehabilitation will take place within 60 days after release of the drilling rig. In the event the well is completed as a commercial producer of oil and/or gas, unused portions of the well pad will be rehabilitated within 60 days after completion. All restoration will be as per BLM instructions.

11. Other Information

1. Surface and Mineral Ownership. This well has Federal surface and mineral ownership.

2. The Vernal BLM Office in Vernal, Utah will be contacted 48 hours prior to commencing any work on public lands.

3. The operator's dirtwork and drilling contractors will be furnished with an approved surface-use plan and BLM stipulations prior to any work.

4. An archaeological survey has been conducted by Dr. Rick Hauck of A.E.R.C. A written report has been sent directly to the BLM Office in Vernal, Utah. A copy is enclosed.

5. If any subsurface cultural material is exposed during construction, work will stop immediately and the Vernal BLM Office will be notified. All persons in the area, will be informed of possible prosecution if they disturb archaeological sites or remove artifacts.

12. Operator

Ambra Oil and Gas Company  
American Plaza III  
47 West 200 South, Suite 510  
Salt Lake City, Utah 84101

Telephone: (801) 532-6640

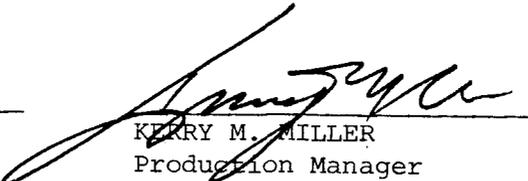
Attention: Mr. Kerry M. Miller

13. Certification

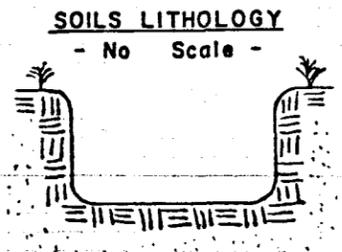
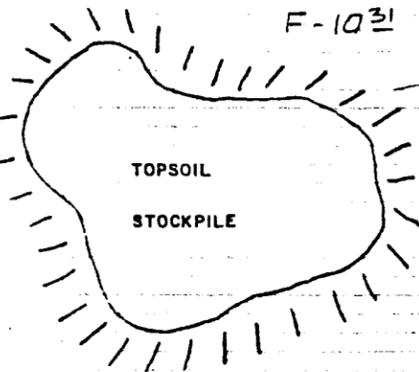
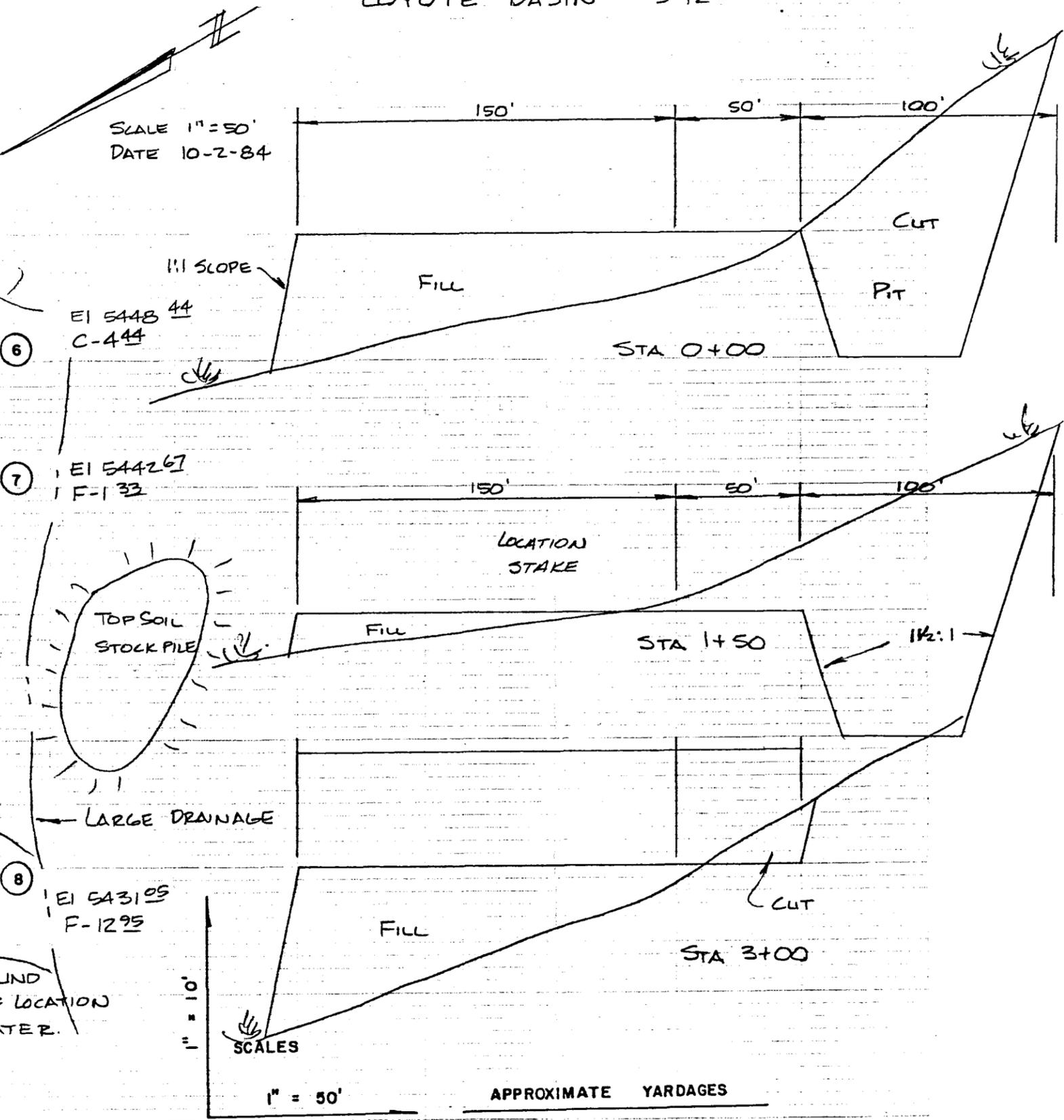
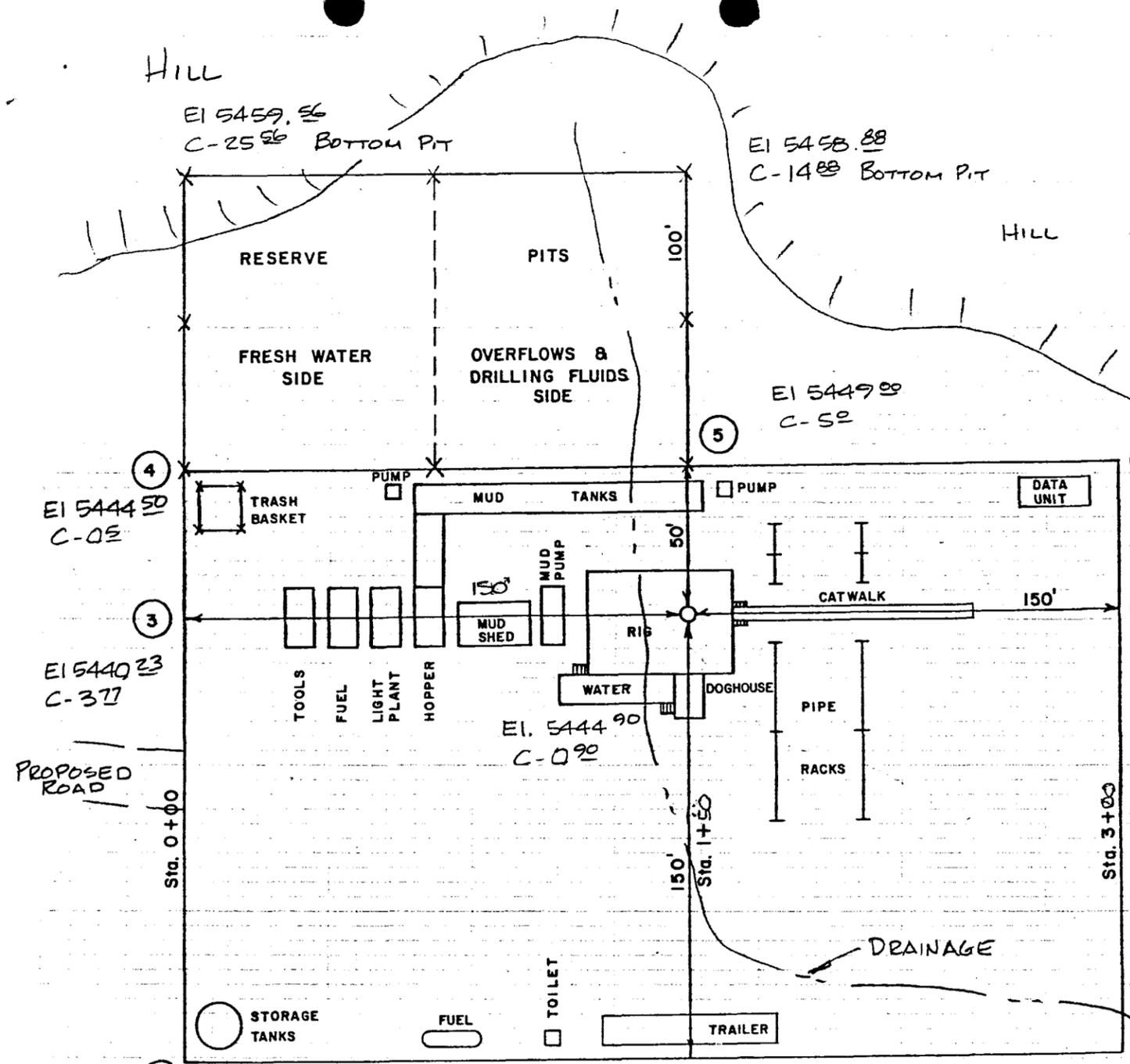
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drilling site and access route; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein, will be performed by Ambra Oil and Gas Company and it's contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

DATE

11/29/84

  
KERRY M. MILLER  
Production Manager

AMBRA OIL & GAS Co  
COYOTE BASIN # 3-12



Light Brown  
Sandy Clay

NOTE: DITCH AROUND  
UPHILL SIDE OF LOCATION  
TO REROUTE WATER.

APPROXIMATE YARDAGES

Cubic Yards Cut - 9,034

Cubic Yards Fill - 8,745



VERNAL

23 MI

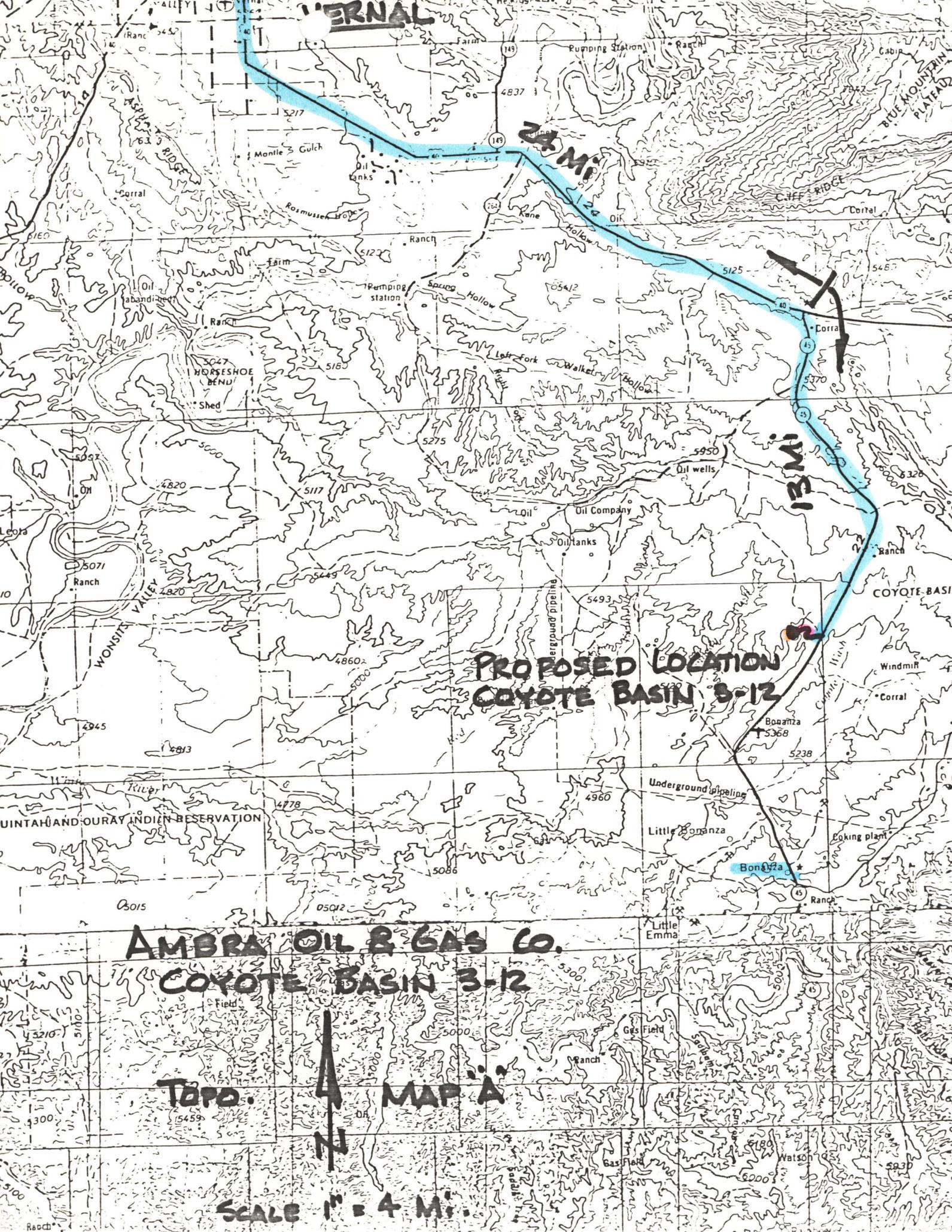
13 MI

PROPOSED LOCATION  
COYOTE BASIN 3-12

AMBRA OIL & GAS CO.  
COYOTE BASIN 3-12

TOPO. MAP A

SCALE 1" = 4 MI.



# AMBRA OIL & GAS CO. COYOTE BASIN #3-12

TOPO. MAP B

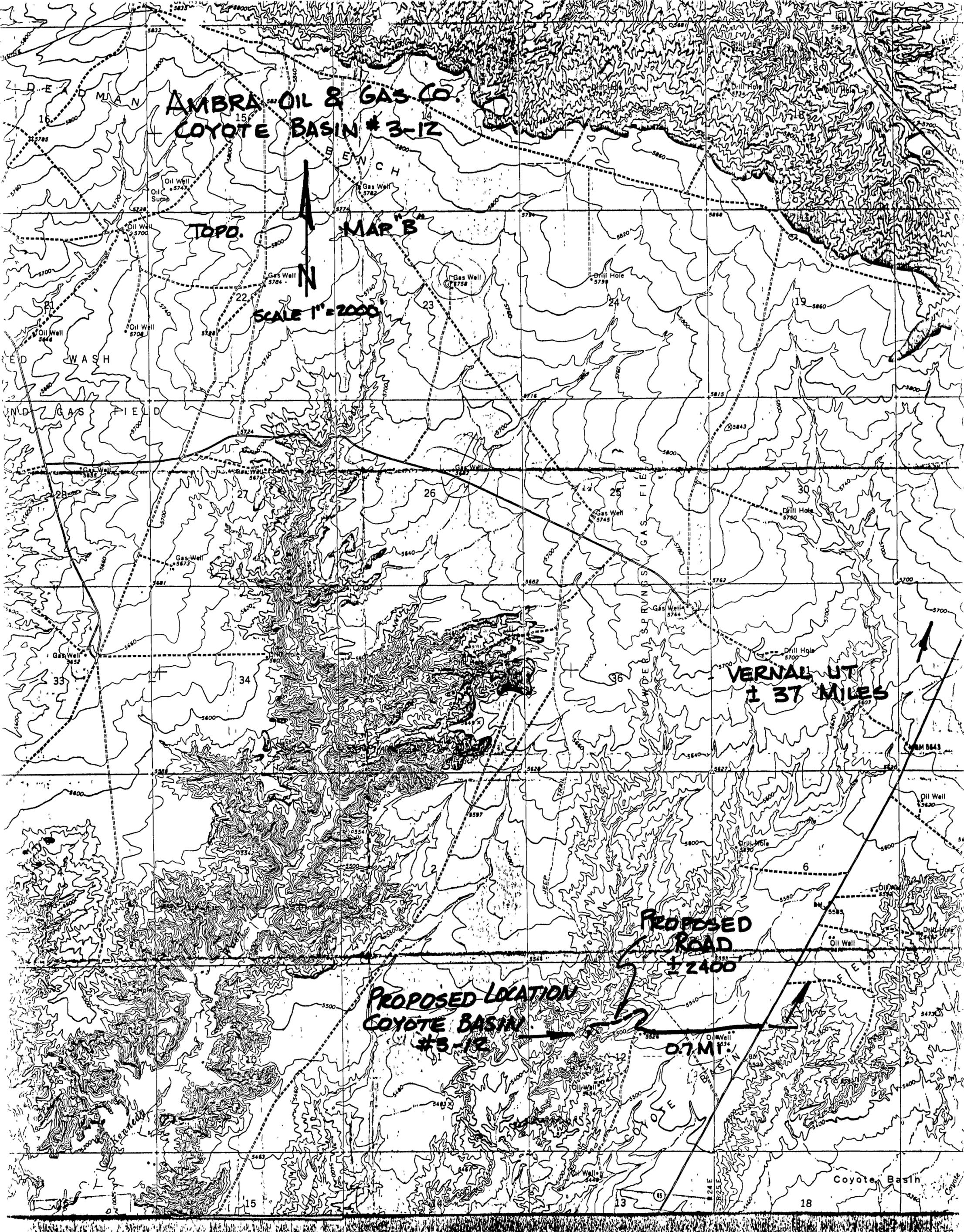
SCALE 1" = 2000'

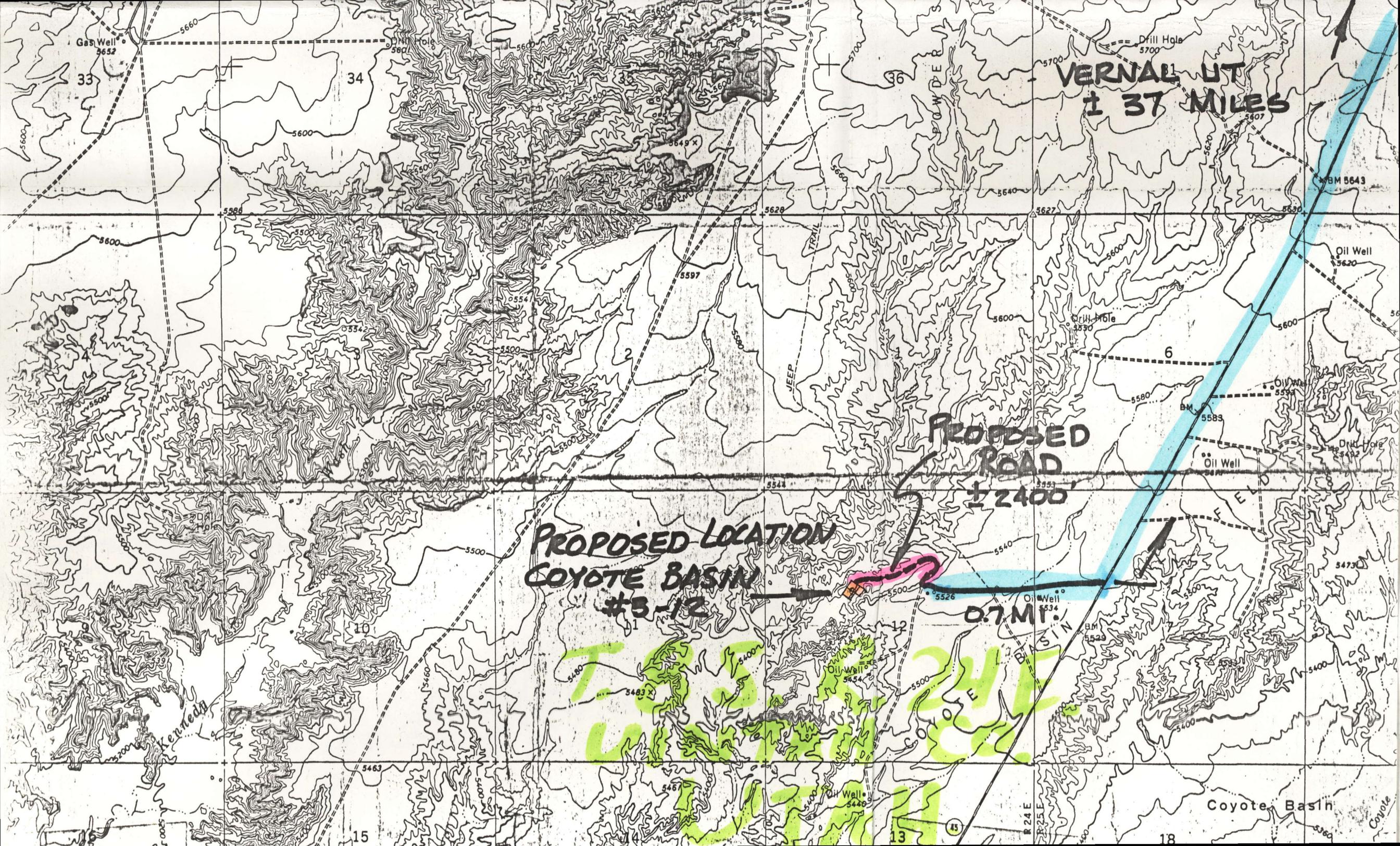
VERNAL UT  
± 37 MILES

PROPOSED ROAD  
± 2400'

PROPOSED LOCATION  
COYOTE BASIN  
#3-12

0.7 MI.





VERNAL UT  
± 37 MILES

PROPOSED  
ROAD  
± 2400'

PROPOSED LOCATION  
COYOTE BASIN  
#3-12

0.7 MI.

COYOTE BASIN

Coyote Basin

Gas Well  
5652

Drill Hole  
5600

Drill Hole  
5700

Drill Hole  
5590

Oil Well  
5595

Oil Well  
5585

Drill Hole  
5492

Oil Well  
5534

Oil Well  
5449

BM 5643

Oil Well  
5620

BM 5583

Drill Hole  
5492

BM 5529

Oil Well  
5473

15

13

18

33

34

36

4

2

6

10

12

14

Kennedy

BLISS

Coyote

R 24 E  
R 25 E

45

5300

5660

5600

5600

5600

5700

5700

5600

5600

5500

5500

5500

5600

5580

5600

5500

5540

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5463

546

5500

5500

5400

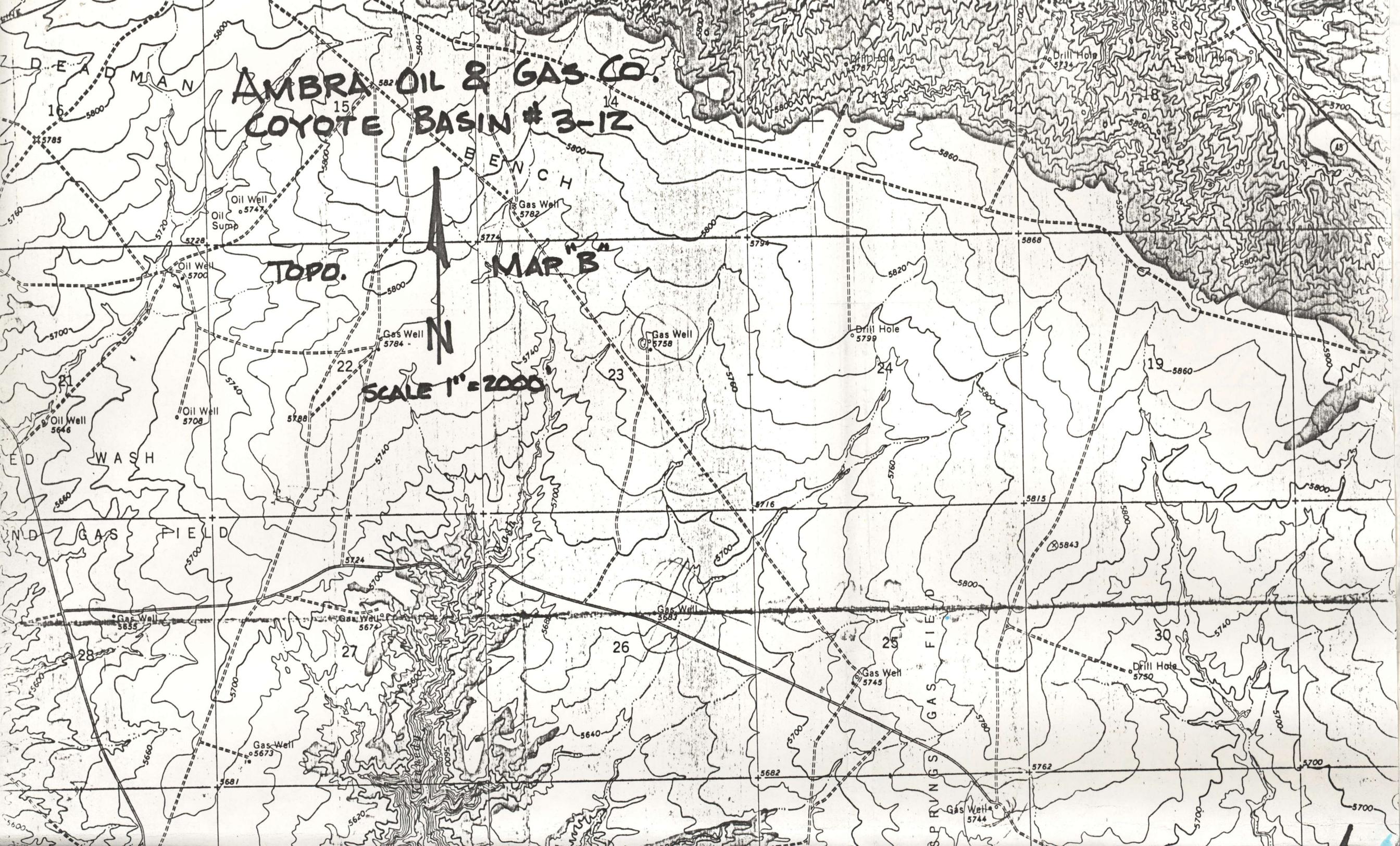
5300

# AMBRA OIL & GAS CO. COYOTE BASIN # 3-12

TOPO.

MAP "B"

SCALE 1" = 2000'





RECEIVED OCT 20 1984

# ARCHEOLOGICAL - ENVIRONMENTAL RESEARCH CORPORATION

P.O. Box 853, Bountiful, Utah 84010

Tel: (801) 292-7061, 292-9668

October 17, 1984

**Subject:** Cultural Resource Evaluation of Proposed Location  
in the Coyote Basin Locality of Uintah County, Utah

**Project:** Ambra Oil & Gas Company - 1984 Drilling Program

**Project No.:** AOG-84-1

**Permit:** Dept. of Interior - 84-Ut-54937  
Utah State - U-84-26-135b

**To:** ✓ Mr. Kerry Miller, Ambra Oil & Gas Company,  
American Plaza III, 47 West 2nd South, Salt Lake  
City, Utah 84001

Mr. Lloyd Ferguson, District Manager, Bureau of  
Land Management, 170 South 500 East, Vernal, Utah  
84078

**Info:** Mr. Richard Fike, BLM Archeologist, Bureau of Land  
Management, University Club Building, 136 East South  
Temple, Salt Lake City, Utah 84111

Antiquities Section, Division of State History,  
300 Rio Grande, Salt Lake City, Utah 84101

Department of the Interior  
 Bureau of Land Management  
 Utah State Office  
 Summary Report of  
 Section for Cultural Resources

BLM Report ID No.                       
 Report Acceptable Yes      No       
 Mitigation Acceptable Yes      No       
 Comments:                                     

Report Title C O Y O T E | B A S I N | W E L L | L O C A T I O N |  
 Development Company Ambra Oil and Gas Company - 1984 Drilling Program

Report Date 10 | 17 | 1984 4. Antiquities Permit No. 81-Ut-54937  
 Responsible Institution A E R C | A O G - 84 - 1 County Uintah

Fieldwork Location: TWN 08S Range 24E Section(s) 12  
62 65 66 69 70 71 72 73 74 75 76 77  
 TWN        Range        Section(s)         
78 81 82 85 86 87 88 89 90 91 92 93  
 Source Area B | C TWN        Range        Section(s)         
110 111 94 97 98 101 102 103 104 105 106 107 108 109

PO = PONY EXPRESS, BR = BEAR RIVER, PR = PRICE RIVER, WS = WARM SPRINGS  
 CC = COOK CLIFFS, HR = HOUSE RANGE, SE = SEVIER RIVER  
 HM = HENRY MOUNTAINS, BE = BEAVER RIVER, DX = DIXIE  
 KA = KANAB, ES = ESCALANTE, SJ = SAN JUAN, GR = GRAND  
 SR = SAN RAFAEL, DM = DIAMOND MOUNTAIN  
 FHI in spaces 65, 69, 81, 85, 97, 101 Only  
 V = Vernal Meridian  
 H = Half Township

Description of Examination Procedures: The archeologist, F. R. Hauck, of AERC, conducted a series of 15 meter wide transects to cover the 10 acre area where the well will be developed. Transects were also walked to evaluate three alternative access routes into the location (see map). Each access route was evaluated covering an average width of 20 to 30 meters.

Linear Miles Surveyed and/or 015 10. Inventory Type I  
112 117 R = Reconnaissance  
 Defensible Acres Surveyed and/or        I = Intensive  
118 123 S = Statistical Sample  
 Legally Undefinable Acres Surveyed 101

\*A parcel hard to cadastrally locate i.e., center of section)  
 Description of Findings (attach appendices, if appropriate) 12. Number Sites Found: 0  
 No cultural resources or activity loci of any historic or prehistoric period were observed or recorded during the evaluations. No sites = 0 131  
 13. Collection: N Y=Yes, N=  
136

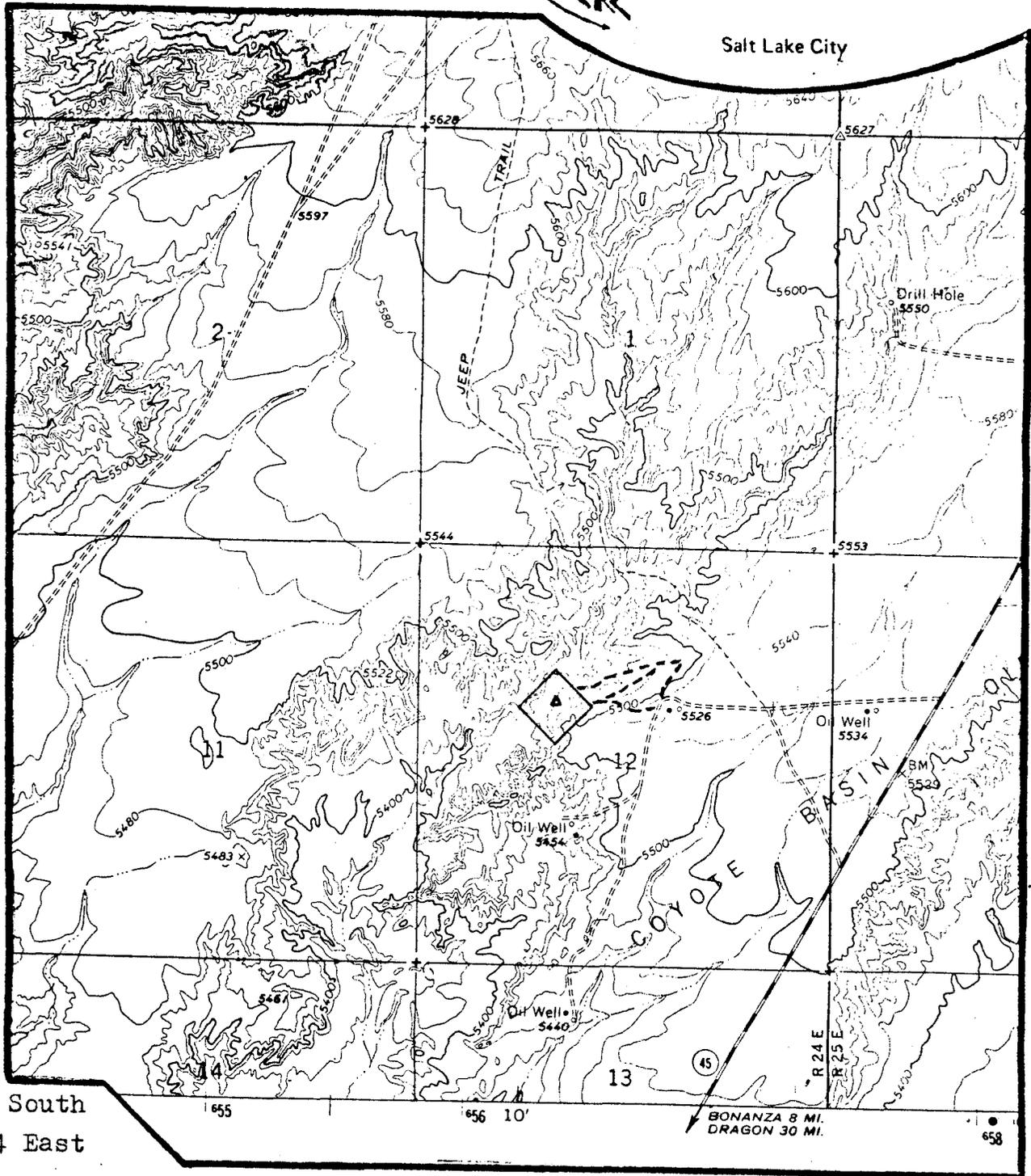
Actual/Potential National Register Properties Affected:  
 The National Register has been consulted and no registered properties will be affected by the proposed development.

Literature Search, Location/Date: Vernal District Office 9-7-84; SHPO 10-9-84

Conclusion/Recommendations:  
 AERC recommends that a cultural resource clearance be granted to Ambra Oil and Gas Company based upon adherence to the stipulations noted on the reverse:  
 Signature F. R. Hauck, Principal Investigator

16. CONTINUED:

1. All vehicular traffic, personnel movement, and construction be confined to the locations examined and to the evaluated access roads.
2. All personnel refrain from collecting artifacts or from disturbing any cultural resources in the area.
3. A qualified archeologist be consulted should cultural remains from subsurface deposits be exposed during construction work or if the need arises to relocate or otherwise alter the construction area.



T. 8 South  
R. 24 East

Meridian: Salt Lake B.&M.

Quad:

Project: AOG-84-1  
Series: Uinta Basin  
Date: 10-17-84

Cultural Resource Survey  
of a Proposed Well  
Location in the Coyote  
Basin Locality of Uintah  
County, Utah

Dinosaur NW, Ut.  
7.5 minute-USGS

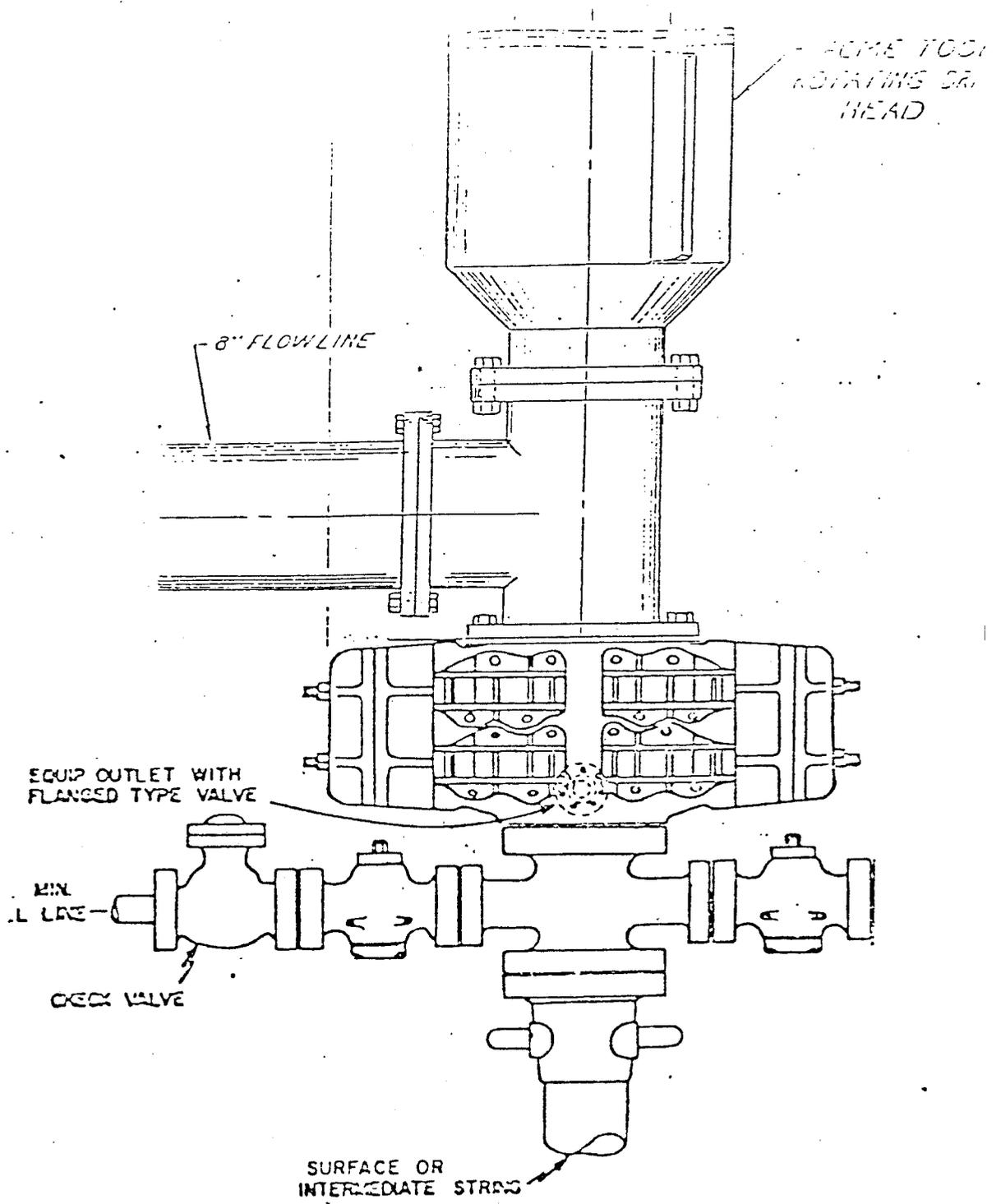


Legend:

- Well Location
- 10 Acre Survey Area
- Access Route

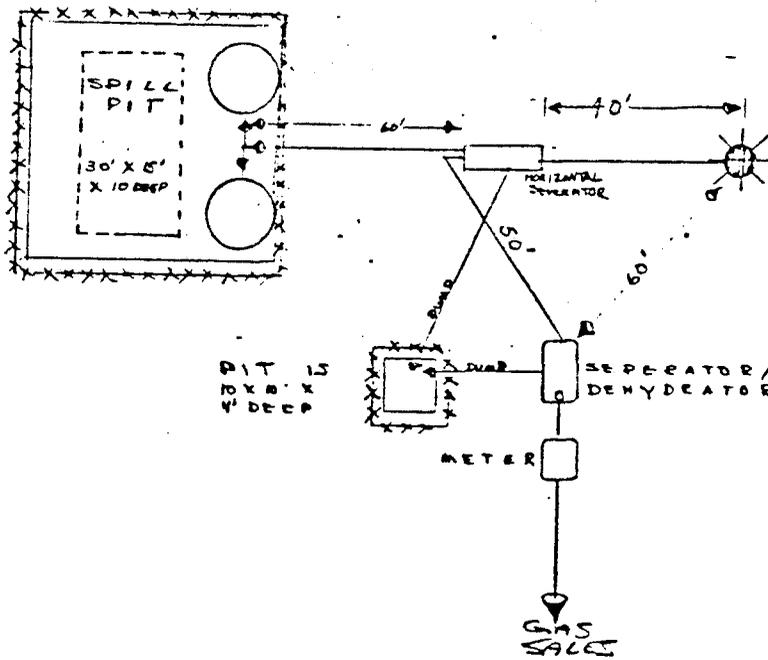


2.64" = 1 mile  
Scale



TANK BATTERY  
OIL SALES

FENCED  
AND  
FIRE  
BERMED



OIL AND/OR GAS

SCALE 1" = 10'

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Company Ambra Oil and Gas Company Well No. Coyote Basin 3-12

Location Sec. 12 T8S R24E Lease No. U-017502

Onsite Inspection Date 11-13-84

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Order No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

A. DRILLING PROGRAM

1. Estimated Depth of Anticipated Water, Oil, Gas, or Minerals

All fresh water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

2. Pressure Control Equipment

In accordance with API RP 53, 3,000 psi working pressure BOP stacks will be equipped with an annular bag-type preventer.

Prior to drilling out the surface casing shoe, the annular-type preventer shall be tested to 1,500 psi.

BOP and choke manifold systems will be consistent with API RP 53. Pressure tests will be conducted before drilling out from under all casing strings which are set and cemented in place. Blowout preventer controls will be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to ensure good mechanical working order, and this inspection recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs.

The District Office should be notified, with sufficient lead time, in order to have a BLM representative on location during pressure testing.

3. Casing Program and Auxiliary Equipment

The cementing program for the production string shall provide isolation or protection of all fresh water or hydrocarbon zones encountered while drilling.

The District Office should be notified, with sufficient lead time, in order to have a BLM representative on location while running all casing strings and cementing.

4. Mud Program and Circulating Medium

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

5. Coring, Logging and Testing Program

Daily drilling and completion reports shall be submitted to this office on a weekly basis.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the authorized officer (AO).

6. Anticipated Starting Dates and Notifications of Operations

Location construction: Late December 1984

Spud Date: Soon after

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

The spud date will be reported orally to the AO within 48 hours after spudding. If the spudding occurs on a weekend or holiday, the report will be submitted on the following regular work day. The oral report will be followed up with a Sundry Notice.

In accordance with Onshore Oil and Gas Order No. 1, this well will be reported on Form 3160-6 "Monthly Report of Operations", starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report will be filed, in duplicate, to the Vernal BLM District Office, 170 South 500 East, Vernal, Utah 84078.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than 5 days following the date on which the well is placed on production.

Pursuant to NTL-2B, with the approval of a District Engineer, produced water may be temporarily disposed of into unlined pits for a period of up to 90 days. During the period so authorized, an application for approval of the permanent disposal method, along with the required water analysis and other information, must be submitted to the District Engineer.

Pursuant to NTL-4A, lessees or operators are authorized to vent/flare gas during initial well evaluation tests, not exceeding a period of 30 days or the production of 50 MMCF of gas, whichever occurs first. An application must be filed with the District Engineer and approval received, for any venting/flaring of gas beyond the initial 30 day or authorized test period.

A schematic facilities diagram as required by 43 CFR 3162.7-2, 3162.7-3, and 3162.7-4 shall be submitted to the appropriate District Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in 43 CFR 3162.7 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-4.

A first production conference will be scheduled within 15 days after receipt of the first production notice.

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within 30 days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

Pursuant to Onshore Oil and Gas Order No. 1, lessees and operators have the responsibility to see that their exploration, development, production, and construction operations are conducted in a manner which conforms with applicable Federal laws and regulations and with State and local laws and regulations to the extent that such State and local laws are applicable to operations on Federal or Indian lands.

B. THIRTEEN POINT SURFACE USE PLAN

7. Location of Tank Batteries and Production Facilities

All permanent (on site for six months or longer) structures constructed or installed (including oil well pumpjacks) will be painted a flat, non-reflective, earthtone color to match the standard environmental colors, as determined by the Rocky Mountain 5 State Interagency Committee. All facilities will be painted within 6 months of installation. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

If a tank battery is constructed at this location, it will be surrounded by a dike of sufficient capacity to contain  $1\frac{1}{2}$  times it's storage capacity.

All site security guidelines identified in 43 CFR 3162.7 regulations will be adhered to.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the AO.

Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried from the wellhead to the meter and anchored securely downstream of the meter. Meter runs will be housed and/or fenced.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.

8. Source of Construction Material

The use materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

9. Methods of Handling Waste Disposal

The reserve pit will not be lined.

Burning will not be allowed.

Produced waste water will be confined to an unlined pit for a period not to exceed 90 days after initial production. During the 90 day period, an application for approval of a permanent disposal

method and location, along with required water analysis, will be submitted for the AO's approval. Failure to file an application within the time allowed will be considered an incident of noncompliance, and will be grounds for issuing a shut-in order.

10. Well Site Layout

The reserve pit will be located as indicated in the layout diagram.

The stockpiled topsoil will be stored on the west side of the location as stated in the APD and not near stake No. 2 as indicated in the layout diagram.

Access to the well pad will be from near stake No. 3.

Reserve pits will be fenced with a wire mesh fence and topped with at least one strand of barbed wire. The reserve pit will be fenced on three sides during drilling and then on the fourth side at the completion of the drilling operations.

11. Plans for Restoration of Surface

Immediately upon completion of drilling, the location and surrounding area will be cleared of all debris, materials, trash and junk not required for production. The reserve pit and that portion of the location and access road not needed for production or production facilities will be reclaimed.

Seed will be broadcast or drilled at a time determined as indicated in the APD. If broadcast, a harrow or some other implement will be dragged over the seeded area to assure seed coverage.

The following seed mixture will be used:

Western wheatgrass	2 lbs./acre
Indian ricegrass	2 lbs./acre
Smooth brome	2 lbs./acre
Alfalfa	1 lb./acre
Fourwing saltbush	3 lbs./acre

12. Other Information

There will be no deviation from the proposed drilling and/or work-over program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.2.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3164.

This permit will be valid for a period of one year from the date of approval. After permit termination, a new application will be filed for approval for any future operations.

OPERATOR Ambron Oil & Gas Co. DATE 12-6-84  
WELL NAME Coyote Basin 3-12  
SEC SE NW 12 T 8.5 R 24E COUNTY Montebello

43-047-31590  
API NUMBER

Lease  
TYPE OF LEASE

CHECK OFF:

- |  |   |   |
|--|---|---|
| <input checked="" type="checkbox"/> PLAT | <input checked="" type="checkbox"/> BOND  | <input checked="" type="checkbox"/> NEAREST WELL        |
| <input type="checkbox"/> LEASE           | <input checked="" type="checkbox"/> FIELD | <input checked="" type="checkbox"/> POTASH OR OIL SHALE |

PROCESSING COMMENTS:

No other wells within 1000'  
Need water permit

APPROVAL LETTER:

SPACING:  A-3 \_\_\_\_\_ UNIT  C-3-a 129-3 12/6/84  
CAUSE NO. & DATE  
 C-3-b  C-3-c

STIPULATIONS:

1- Water  
2- The Well is to be completed for production in  
the Green River Formation only per Cause No.  
129-3.

RECEIVED

DEC 12 1984

DIVISION OF  
OIL, GAS & MINING

Amman Plaza III  
47 West 200 South, Suite 510  
Salt Lake City, Utah 84101  
(801) 532-6640



December 11, 1984

OIL, GAS & MINING DIVISION  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, UT 84180-1203

ATTENTION: Ms. Arlene Sollis

RE: Coyote Basin #3-12  
T 8 S, R 24 E, Sec. 12  
Uintah County, Utah

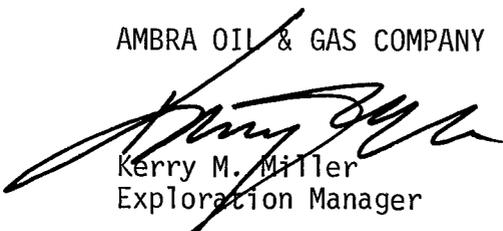
Dear Arlene:

As a follow-up to our phone conversation of this date, Ambra will be drilling a Green River test on the above mentioned well. This will be the only zone we will attempt a completion on. The Wasatch is merely a log top to insure that we get through the Green River formation. It was misstated that it was to be a Wasatch test on the APD.

Any comments or questions, please contact me personally.

Sincerely,

AMBRA OIL & GAS COMPANY



Kerry M. Miller  
Exploration Manager

KMM:ma



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

December 13, 1984

Ambra Oil and Gas Company  
47 West 200 South, Suite 510  
Salt Lake City, Utah 84101

Gentlemen:

Re: Well No. Coyote Basin 3-12 - SE NW Sec. 12, T. 8S, R. 24E  
1950' FNL, 1713' FWL - Uintah County, Utah

Approval to drill the above referenced oil well is hereby granted in accordance with Order of Cause No. 129-3 dated December 6, 1984 subject to the following stipulations:

1. Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water.
2. The well is to be completed for production in the Green River formation only per Cause No. 129-3.

In addition, the following actions are necessary to fully comply with this approval:

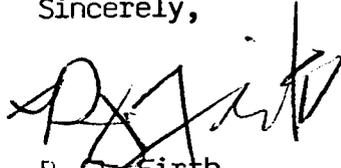
1. Spudding notification to the Division within 24 hours after drilling operations commence.
2. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.
3. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 538-5340, (Home) 298-7695 or R. J. Firth, Associate Director, (Home) 571-6068.
4. Compliance with the requirements and regulations of Rule C-27, Associated Gas Flaring, General Rules and Regulations, Oil and Gas Conservation.

Ambra Oil and Gas Company  
Well No. Coyote Basin #3-12  
December 13, 1984  
Page 2

5. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-047-31590.

Sincerely,

A handwritten signature in black ink, appearing to read 'R. J. Firth', written over a printed name.

R. J. Firth  
Associate Director, Oil & Gas

as  
Enclosures  
cc: Branch of Fluid Minerals

Bureau of Land Management  
Vernal District Office  
170 South 500 East  
Vernal, Utah 84078

RECEIVED

FEB - 3 1986

DIVISION OF OIL  
GAS & MINING

3162.35  
U-820  
U-017502

January 30, 1986

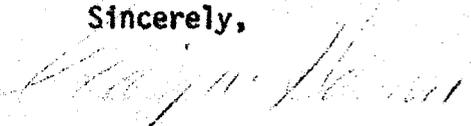
Ambra Oil & Gas Company  
47 West 200 South, Suite 510  
Salt Lake City, Utah 84101

RE: Rescind Application for Permit to Drill  
Well No. 3-12  
Section 12, T8S, R24E  
Uintah County, Utah  
Lease No. U-017502

The Application for Permit to Drill the referenced well was approved on January 4, 1985. Since that date, no known activity has transpired at the approved location. Under current District policy, Applications for Permit to Drill are effective for a period of one year. In view of the foregoing, this office is rescinding the approval of the referenced application without prejudice. If you intend to drill at this location at a future date, a new Application for Permit to Drill must be submitted.

This office requires a letter confirming that no surface disturbance has been made for this drill site. Any surface disturbance associated with the approved location of this well is to be rehabilitated. A schedule for this rehabilitation must be submitted to this office. Your cooperation in this matter is appreciated.

Sincerely,

  
Craig M. Hansen  
ADM for Minerals

mh

bcc: State Div. O G & M  
well file  
U-922/943



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Norman H. Bangerter, Governor  
Dee C. Hansen, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

March 3, 1986

Ambra Oil & Gas Company  
47 West 200 South, Suite 510  
Salt Lake City, Utah 84101

Gentlemen:

Re: Well No. 3-12 - Sec. 12, T. 8S., R. 24E.,  
Uintah County, Utah - API #43-047-31590

In concert with action taken by the Bureau of Land Management, January 30, 1986, approval to drill the above referenced well is hereby rescinded.

A new "Application for Permit to Drill" must be filed with this office, for approval, prior to future drilling of the subject location.

Sincerely,

A handwritten signature in cursive script that reads "John R. Baza".

John R. Baza  
Petroleum Engineer

pk  
cc: Dianne R. Nielson  
Ronald J. Firth  
File

0170S/22